



User - inferno

Machine - sinus

Printer - ih6h201

Windows Print Job

11/06 — Removed first header of route
 so BYE & CANCEL don't loop proxy

Via is address of originator, proxy is supposed to add itself to it

Seq of ACK had to be changed to 2 INVITE
 in the proxy buffer in IR?

Request: all seq should have name of method

Response: seq every name of method responded to

Proxy should check it's already in via list

sh -n /tmp/ecmd_sinus
sipc: proxy set to osiris.ih.lucent.com:5080
sipc: client set to 8020@lucent.com*:5060
sipc: local domain @lucent.com
sipc: this client: 8020@lucent.com@135.2.180.20:udp/5060
sipc: announced udp!*:5060 /net/udp/0 port 5060
sipc: listen process 1233
sipc: monitor process 1234
sipc: connect to 5080 at udp!osiris.ih.lucent.com!5080
sipc: new connection to udp!osiris.ih.lucent.com!5080 5080
sipc: explicitport() -> SIP/2.0/UDP 135.2.180.20:5060
sipc: explicitport() -> SIP/2.0/UDP osiris.ih.lucent.com:5080
sipc: current state REGISTER 0
sipc: explicitport() -> 135.2.180.20:5060
sipc: explicitport() -> osiris.ih.lucent.com:5080
sipc: sending:
REGISTER sip:lucent.com SIP/2.0
Via: SIP/2.0/UDP 135.2.180.20:5060
From: <sip:8020@lucent.com>
To: <sip:8020@lucent.com>
Call-ID: 1753264122@135.2.180.20
CSeq: 1 REGISTER
Contact: <sip:8020@135.2.180.20:5060>
Expires: 3600
Content-Length: 0

sipc: sent: REGISTER
sipc: sound process 1239
sipc: command process 1240
mash% sipc: /tmp/sc is the command interpreter
sipc: receiving:
[SIP/2.0 100 Trying
To: <sip:8020@lucent.com>
From: <sip:8020@lucent.com>
Call-ID: 1753264122@135.2.180.20
CSeq: 1 REGISTER
Via: SIP/2.0/UDP 135.2.180.20:5060
Server: Lucent Technologies, Inc. iSIP 1.0/beta1
Content-Length: 0

] sipc: switching to new received call 1753264122@135.2.180.20->1753264122@135.2.180.2
sipc: via host 135.2.180.20:5060
sipc: viahost returns @135.2.180.20:udp/5060
sipc: connect back to 5080 at udp!osiris.ih.lucent.com!5080
sipc: new connection to udp!osiris.ih.lucent.com!5080 5080
sipc: state REGISTER 100 Trying
sipc: receiving:
[SIP/2.0 200 OK
To: <sip:8020@lucent.com>;tag=3a02d696
From: <sip:8020@lucent.com>
Call-ID: 1753264122@135.2.180.20
CSeq: 1 REGISTER
Via: SIP/2.0/UDP 135.2.180.20:5060
Contact: <sip:8020@135.2.180.20>;action=proxy
Expires: 3600
Server: Lucent Technologies, Inc. iSIP 1.0/beta1
Content-Length: 0

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]
sipc: state REGISTER 200 OK
sipc: receiving:
[INVITE sip:8020@135.2.180.20 SIP/2.0
To: <sip:8020@lucent.com>
From: <sip:8025@lucent.com>
Call-ID: 1753282233@135.2.180.25
CSeq: 1 INVITE
Via: SIP/2.0/UDP osiris:5080;branch=124.308;maddr=135.185.145.76
Via: SIP/2.0/UDP 135.2.180.25:5060
Contact: <sip:8025@135.2.180.25>;action=proxy
Content-Type: application/sdp
Record-Route: <sip:8020@lucent.com;maddr=135.185.145.76>
User-Agent: Inferno Webphone 2630
Content-Length: 174

v=0
o=- 1839005625 1839005625 IN IP4 135.2.180.25
s=Inferno Ephone Session
c=IN IP4 135.2.180.25
t=973282234 0
m=audio 3456 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20

]
sipc: received sid = 1839005625
sipc: switching to new received call 1753264122@135.2.180.20->1753282233@135.2.180.2
sipc: current state INVITE 180 Ringing
sipc: sound received (r, -1)
sipc: explicitport() -> 135.2.180.20:5060
sipc: f=ringer
sipc: explicitport() -> lucent.com:5060
sipc: explicitport() -> lucent.com:5060
sipc: sending:
SIP/2.0 180 Ringing
Route: <sip:8020@lucent.com;maddr=135.185.145.76>
Route: <sip:8025@135.2.180.25>;action=proxy
Via: SIP/2.0/UDP osiris:5080;branch=124.308;maddr=135.185.145.76
Via: SIP/2.0/UDP 135.2.180.25:5060
From: <sip:lucent.com:5060>
To: <sip:lucent.com:5060>
Call-ID: 1753282233@135.2.180.25
CSeq: 1 INVITE
Contact: <sip:@135.2.180.20:5060>
Content-Length: 0

sipc: sent: INVITE 180 Ringing
sipc: receiving:
[CANCEL sip:8020@135.2.180.20 SIP/2.0
To: <sip:8020@lucent.com>
From: <sip:8025@lucent.com>
Call-ID: 1753282233@135.2.180.25
CSeq: 1 CANCEL
Via: SIP/2.0/UDP osiris:5080;branch=25a;maddr=135.185.145.76
Content-Length: 0

]
sipc: sound received (, 0)

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sip: receiving:
[INVITE sip:8020@135.2.180.20 SIP/2.0
To: <sip:8020@lucent.com>
From: <sip:8025@lucent.com>
Call-ID: 1753282233@135.2.180.25
CSeq: 1 INVITE
Via: SIP/2.0/UDP osiris:5080;branch=124.308;maddr=135.185.145.76
Via: SIP/2.0/UDP 135.2.180.25:5060
Contact: <sip:8025@135.2.180.25>;action=proxy
Content-Type: application/sdp
Record-Route: <sip:8020@lucent.com;maddr=135.185.145.76>
User-Agent: Inferno Webphone 2630
Content-Length: 174
```

```
v=0
o=- 1839005625 1839005625 IN IP4 135.2.180.25
s=Inferno Ephone Session
c=IN IP4 135.2.180.25
t=973282234 0
m=audio 3456 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20
```

```
]
sip: received sid = 1839005625
sip: switching to new received call 1753264122@135.2.180.20->1753282233@135.2.180.2
sip: sound received (r, -1)
sip: f=ringer
sip: current state INVITE 180 Ringing
sip: explicitport() -> 135.2.180.20:5060
sip: explicitport() -> lucent.com:5060
sip: explicitport() -> lucent.com:5060
sip: sending:
SIP/2.0 180 Ringing
Route: <sip:8020@lucent.com;maddr=135.185.145.76>
Route: <sip:8025@135.2.180.25>;action=proxy
Via: SIP/2.0/UDP osiris:5080;branch=124.308;maddr=135.185.145.76
Via: SIP/2.0/UDP 135.2.180.25:5060
From: <sip:lucent.com:5060>
To: <sip:lucent.com:5060>
Call-ID: 1753282233@135.2.180.25
CSeq: 1 INVITE
Contact: <sip:@135.2.180.20:5060>
Content-Length: 0
```

```
sip: sent: INVITE 180 Ringing
```

```
mash% echo a >/tmp/sc
echo a >/tmp/sc
sip> a
sip: current state INVITE 200 OK
sip: sound received (, 0)
sip: explicitport() -> 135.2.180.20:5060
sip: explicitport() -> lucent.com:5060
sip: explicitport() -> lucent.com:5060
sip: session 1839005625 data audio:
    m=audio 3456 RTP/AVP 0
    rdata audio:
    :: m=audio 3466 RTP/AVP 0
```

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sipc: start RTP/AVP/0 audio: 1 135.2.180.25:3456 lucent.com:3466

sipc: mismatched announce on 135.2.180.20 and not lucent.com
sipc: announced udp!*!3466 /net/udp/1 port 3466
sipc: audiolisten start size 172
sipc: announced udp!*!3467 /net/udp/3 port 3467
sipc: sending:
SIP/2.0 200 OK
Route: <sip:8020@lucent.com;maddr=135.185.145.76>
Route: <sip:8025@135.2.180.25>;action=proxy
Via: SIP/2.0/UDP osiris:5080;branch=124.308;maddr=135.185.145.76
Via: SIP/2.0/UDP 135.2.180.25:5060
From: <sip:lucent.com:5060>
To: <sip:lucent.com:5060>
Call-ID: 1753282233@135.2.180.25
CSeq: 1 INVITE
Contact: <sip:@135.2.180.20:5060>
Content-Type: application/sdp
Content-Length: 170

v=0
o=- 1839005625 1839005625 IN IP4 lucent.com
s=Inferno Ephone Session
c=IN IP4 lucent.com
t=973264530 0
m=audio 3466 RTP/AVP 0
a=rtpmap:0 PCMU/8000
a=ptime:20

sipc: sent: INVITE 200 OK
mash% limbo -C sip.b
limbo -C sip.b
sip.b:1344: via is not declared
mash% limbo -C sip.b
limbo -C sip.b
sip.b:1344: via is not declared
mash% limbo -C sip.b
limbo -C sip.b
mash% cp sip.dis /dis
cp sip.dis /dis
mash% echo q >/tmp/sc
echo q >/tmp/sc
sipc> q
sipc: sound received (, 0)
mash% sipc: sound received (, 0)
sipc: sound process ends
kill: process 1239: file does not exist
kill: process 1266: file does not exist
sipc: stop audio: 1 135.2.180.25:3456:RTP/AVP/0 lucent.com:3466:RTP/AVP/0

kill: process 0: file does not exist
sh -n /tmp/ecmd_sinus
sh -n /tmp/ecmd_sinus
sipc: proxy set to osiris.ih.lucent.com:5080
sipc: client set to 8020@lucent.com*:5060
sipc: local domain @lucent.com
sipc: this client: 8020@lucent.com@135.2.180.20:udp/5060
sipc: announced udp!*!5060 /net/udp/0 port 5060
sipc: listen process 1279
sipc: monitor process 1280
sipc: connect to 5080 at udp!osiris.ih.lucent.com!5080